

TREE FLORA OF KHAMMAM DISTRICT OF ANDHRA PRADESH, INDIA

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ABSTRACT

The tree flora of Khammam District of Andhra Pradesh in India is summarized. The deciduous forests of the district possess a diverse array of tree species.

KEY WORDS: India, floristics, tree species

INTRODUCTION

Khammam District in Andhra Pradesh lies between 16° 45' and 18° 35' north latitudes and between 79° 47' and 80° 47' east longitudes. The district ranks sixth in the state with respect to area, covering 15,921 square kilometers and is very rich in vegetation. Khammam District has deciduous forests and it has not previously been well explored floristically. A few botanists have initiated work in this region and published their findings (Partridge 1911; Sayeedud-Din 1941; Khan 1953). We also made a humble attempt in this survey, on the wealth of tree species and floristic components of Khammam District. This type of study has prominence in focusing the available botanical data of that particular area. In addition, it helps in protecting the endangered species of the Khammam District.

ENUMERATION OF SPECIES

The collected plant material was identified with the help of *Flora of Madras Presidency*, *Flora of British India*, *Flora of Srikakulam District*, and also authenticated by the Botanical Survey of India, Calcutta. The tree flora of Khammam District is as follows.

ANACARDIACEAE: *Anacardium occidentale* L.; *Buchanania lanzan* Spreng.; *Lannea coramandelica* (Houtt.) Merr.; *Mangifera indica* L.; *Semecarpus anacardium* L.

ANNONACEAE: *Polyalthia cerasoides* (Roxb.) Bedd.; *Saccopetalum tomentosum* Hook. f. & Thoms.

APOCYNACEAE: *Holarrhena antidysenterica* (Roth.) Wall.; *Wrightia tinctoria* R. Br.

ARECACEAE: *Borassus flabellifer* L.; *Caryota urens* L.; *Phoenix sylvestris* (L.) Roxb.

BIGNONIACEAE: *Kigelia pinnata* DC.; *Millingtonia hortensis* L. f.; *Oroxylum indicum* Vent.

BOMBACACEAE: *Bombax malabaricum* DC.; *Ceiba pentandra* (L.) Gaertn.

BURSERACEAE: *Boswellia serrata* Roxb.; *Garuga pinnata* Roxb.

CAESALPINACEAE: *Bauhinia purpurea* L.; *Bauhinia racemosa* Lam.; *Cassia fistula* L.; *Cassia siamea* Lam.; *Delonix regia* Raf.; *Hardwickia binata* Roxb.; *Tamarindus indica* L.

COMBRETACEAE: *Anogeissus acuminata* Wall.; *Anogeissus latifolia* Wall.; *Terminalia arjuna* W. & A.; *Terminalia bellerica* Roxb.; *Terminalia catappa* L.; *Terminalia chebula* Retz.; *Terminalia tomentosa* W. & A.

DIPTEROCARPACEAE: *Shorea talura* Roxb.

EBENACEAE: *Diospyros melanoxydon* Roxb.; *Diospyros montana* Roxb.; *Diospyros sylvatica* Roxb.

EUPHORBIACEAE: *Bridelia retusa* (L.) Spreng.; *Cleistanthus collinus* (Roxb.) Benth.; *Cleistanthus patulus* (Roxb.) Muell. Arg.; *Phyllanthus emblica* L.

FABACEAE: *Butea frondosa* Koen.; *Dalbergia latifolia* Roxb.; *Pongamia glabra* Vent.; *Pterocarpus marsupium* Roxb.

FLACOURTIACEAE: *Casearia elliptica* Willd.

LECYTHIDACEAE: *Carea arborea* Roxb.

LOGANIACEAE: *Strychnos nux-vomica* L.; *Strychnos potatorum* L.

MALVACEAE: *Kydia calycina* Roxb.; *Thespesia populnea* Cav.

MELASTOMACEAE: *Memecylon unbellatum* Burm.

MELIACEAE: *Azadirachta indica* A. Juss.; *Melia azadirach* L.; *Soyimida febrifuga* (Roxb.) A. Juss.

MIMOSACEAE: *Acacia arabica* Willd.; *Acacia leucophloea* Willd.; *Acacia sundra* DC.; *Albizia lebbeck* Benth.; *Albizia odoratissima* (L. f.) Benth.; *Enterolobium samman* Prain.; *Pithecellobium dulce* (Roxb.) Benth.; *Xylea xylocarpa* (Roxb.) Tanb.

MORACEAE: *Artocarpus integrifolia* L.; *Ficus bengalensis* L.; *Ficus religiosa* L.; *Strebulus aspera* Lour.

MYRTACEAE: *Eucalyptus glabulus* Labill.; *Psidium guajava* L.; *Syzygium cumini* (L.) Skeels.

OCHNACEAE: *Ochna squarrosa* L.

RHAMNACEAE: *Zyzyphus trinervi* Roxb.

RUBIACEAE: *Adina cordifolia* (Roxb.) Hook. f.; *Canthium dicoccum* (Gaertn.) Taijam & Binnend.; *Gardenia latifolia* Aiton; *Gardenia resinifera* Roth.; *Mitragyna parvifolia* (Roxb.) Korth.; *Morinda tinctoria* Roxb.

RUTACEAE: *Aegle marmelos* (L.) Correa.; *Chloraxylon swietenia* DC.; *Feronia elephantum* Correa.; *Murraya exotica* L.

SAPINDACEAE: *Sapindus emarginatus* Vahl.; *Schleichera oleosa* (Lour.) Oken.

SAPOTACEAE: *Bassia latifolia* Roxb.; *Mimusops hexandra* Roxb.

STERCULIACEAE: *Sterculia urens* Roxb.

TILIACEAE: *Grewia disperina* Rottl.; *Grewia flavescens* Juss.; *Grewia tiliaefolia* Vahl.

ULMACEAE: *Holoptelea integrifolia* (Roxb.) Planch.

VERBENACEAE: *Tectona grandis* L.

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